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FIG. 1a

[illegible]

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FIG. 1b

ATGGGAGGCGGGAGGAGCGCATGTGTGATCCAAAGAACGAAAGAGCGAACAAGAAAGAAACCCG
 M G A G G R M S D P T T K D E Q K K N P
 CTCCAACCGGGTGCCTTACGCAAGCGCTCCATTGACACTCGGTGACATCAAGAAAGGCCATT
 L Q R V P Y A K P P F T L G D I K K A I
 GCACCACTGCTTCGAGAGATCGGTGAGCGGTTGCTTCTCCTATGTCGTTTACGATCTC
 P P H C F E R S V S R S F S Y U U Y D L
 GTCATTGTTTTCCTTCTCTACTAGATTGCGAGTTCCTACTTCCATCTGCTGCCATCCGCA
 V I U F L L Y Y I A T S Y F H L L P S P
 TACTGCTACCTAGCTTGGCCGATTTACTGGGCTGTACAGGCTGCGTTTGCACCGGAATC
 Y C Y L A H P I Y H A U Q G C U C T G I
 TGGGTCATTGCCCATGAATGTGGCCAGCATGCATTGACCGAATACCAAGTGGCTTGACGAC
 H V I A H E C G H H A F S D Y Q H L D D
 ACAGTTGGCCTCATCCGTGACTCTGCCCTGCTCGTGGCTATTTCTCATGGAATACAGC
 T U G L I L H S A L L U P Y F S H K Y S
 CACCGCCGCCACCACTCCAACTGATCCCTTGAGCGTGACGAAGTCTTGGTCCCAAG
 H R R H H S N T G S L E R D E U F U P K
 CCAAAATCCAGACTCTCGTGTACTGCCAAATGCTTGAACAATCCACTTGGCAGAGTCATC
 P K B R U S H Y S K Y L N N P L G R U I
 ACAGTTGTGGTTACTCTTACTCTCGATTGGCCCTCTATACTTGGTGTTAATGCTCTGCG
 T L U U T L T L G H P L Y L L F N U S G
 AGGCCCTTACAACCGTTTTCATGCCACTTTGAGCCATATGGTCCAAATATATATGACCGT
 R P Y N R F A C H F D P Y G P I Y N D R
 CAGAGACTTCAAAATCTTCATCTCCGATGCTGGTATTAATTGCTGCTGATGCTGCTTTAT
 E R L Q I F I S D A G I I A A U O U L Y
 CGTGTGCTTTGCTCAAGGAGGTGGCTTGGCTGGTATGCTTTATGGGCTAGCGTTACTC
 R U A L U K G L A H L U C U Y G U P L L
 ATTGTCAGCGGTTTCCTTGTGTTTGTATCAGATTCCTTCAGCACACTCAGCGTTGCTTGGC
 I U N G F L U L I T F L Q H T H P S L P
 CACTATGATTCTTCGAGTGGGACTGGCTAAGGGGAGCTDITGCAACTGTCCAGAGAGAT
 H Y D S S E H D H L R G A L A T U D R D
 TATGGGCTGCATTAATAGGTGTTCCATACATCAGATACGACCGTGAATCACCAGCTT
 Y G U L N K U F H N I T D T H U T H H L
 TTCTCAACGATGCCACATTACCATGCAATGGAGGCAACTAAGGCAATCAAGGCCATACCTG
 F S T M P H Y H A M E A T K A I K P I L
 GGCAGATTTATCAGTTTGTGGAACCGCGTTTACAGGCGGATGTGGAGGGAGGCAAG
 G Q Y Y Q F D S T P F Y K A M H R E A K
 GAATGCTCTGTATGTCAGGCCAGACGAGTACTCCAGACAGCGGTGATTTCTGGTACAG
 E C L Y U E P D E S T P D K G U F H Y K

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FIG. 1c

AACAAAGTTCTGAAGCCGAAATAACATGTGGTTAGTGAAGATGGCGTCTTCTTATTTTGTCC
N K F -
TATGGACATGGAGGAAGATCATCATTTTTGTTTTCTTCTTATAAGATGGCTCCTTTGT
TAGTGTATTCTCTGCAATGTAATAAAATAAAGCTTATCCCGAAAGCTGCTCTCTCTGATC
GGATTCTAGTTCTGCAATAAATGTCAGTTTAGTG

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FIG. 2a



FIG. 2b

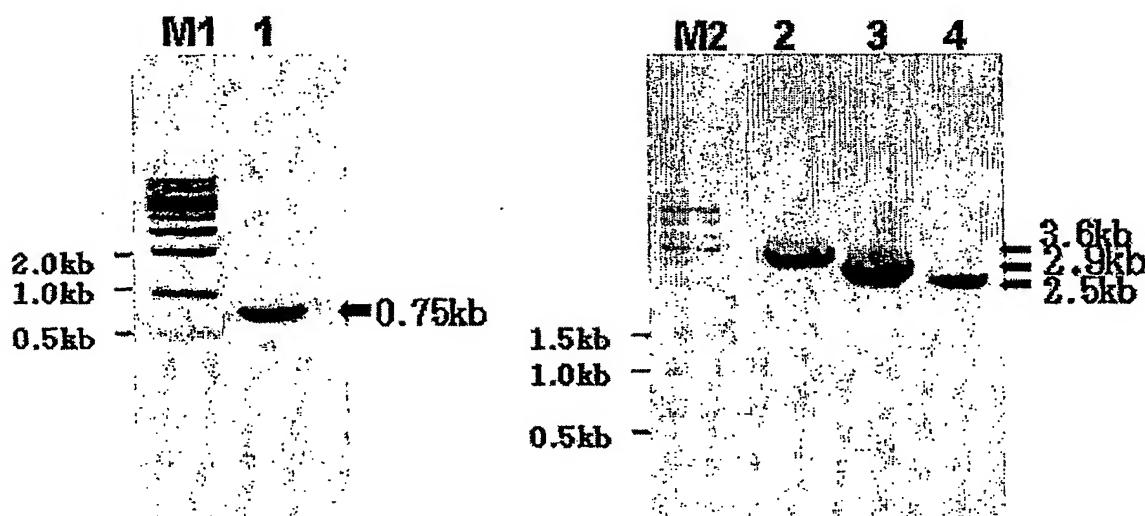


FIG. 3

CATATGTGAATGTAATGGAAAATGCGACAAGAATTGCAATAGAGAAAATCCAATTTCAGAGATT
 CATGAAAAGAAATTGTACAAATAGCATATATATGTTAAAATGAAATGGGACATGCCACATTATGTGG
 AATAAAAAAGACAATTTGCTTGGAATTAATTATAGAAATAAATGTGTTACATTTAATATGTGATTAAAT
 CACTTTTTTTGAATTGTACATCTATCAGATGACAAGTTTCAATTATTTGACATATAATTTGTTTTATG
 TCTAGTCAAGCCTAATTAAATTTCTCGGAAAGCACAAAATTTTTTGTCTAACCAGGTTTGAACAA
 CCAAAACAAATCACAAGCAGGTGTATCGCACTTGCGATGTGATCGGTCACTTTCTAAATTGTACA
 TCATTACACAGCAACTGTATTGTGCTCCAAGTTCAATTGAGTGCGGTGAGAGCTATAATTTCTTGG
 AACACACAAATGTGGAAATGTGCACACTCCATGTGGGCCAATGAGCGGATGACACGTGGCGGGCAACTT
 ACCTCGTTACGTTGAGGCATGCATGAAAGGGGGATCTCTTGAGGTGAGGGGGTGGGGGGCGGGGGTTG
 GGGGGGGGGCCCCCTCCTCAGACAGGTCTATATTTATGAGACCTCGTAAGGCAGAACGC

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FIG. 4a

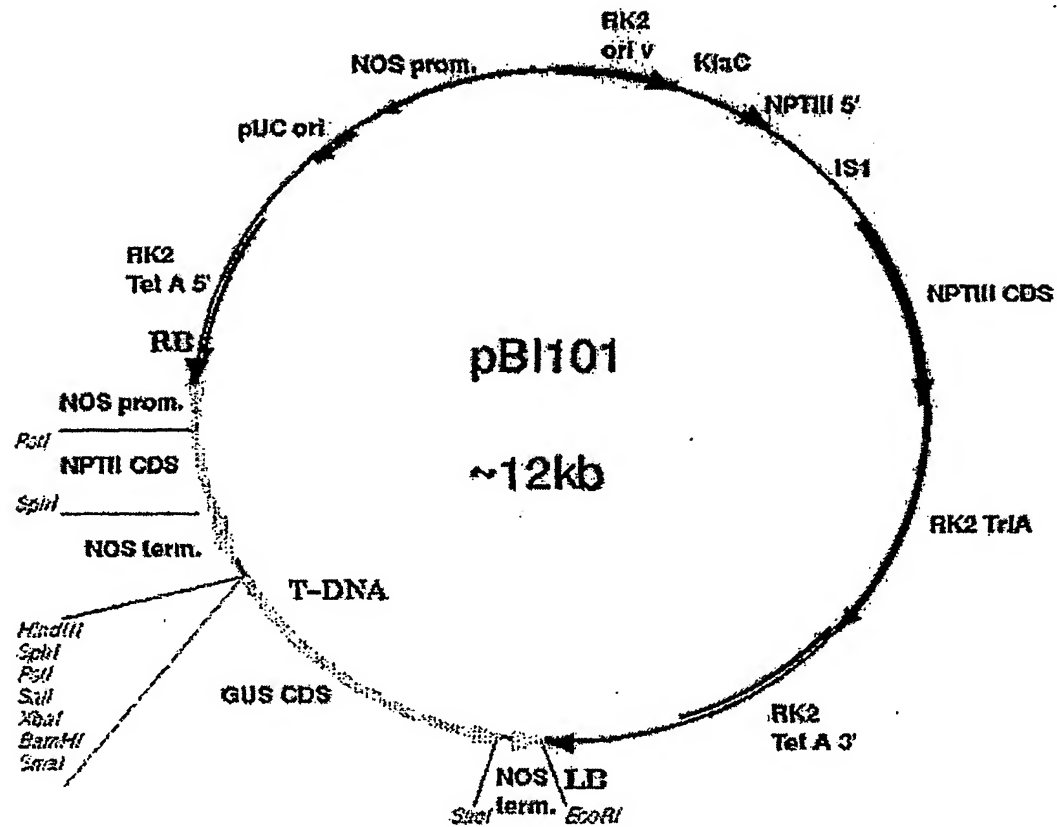
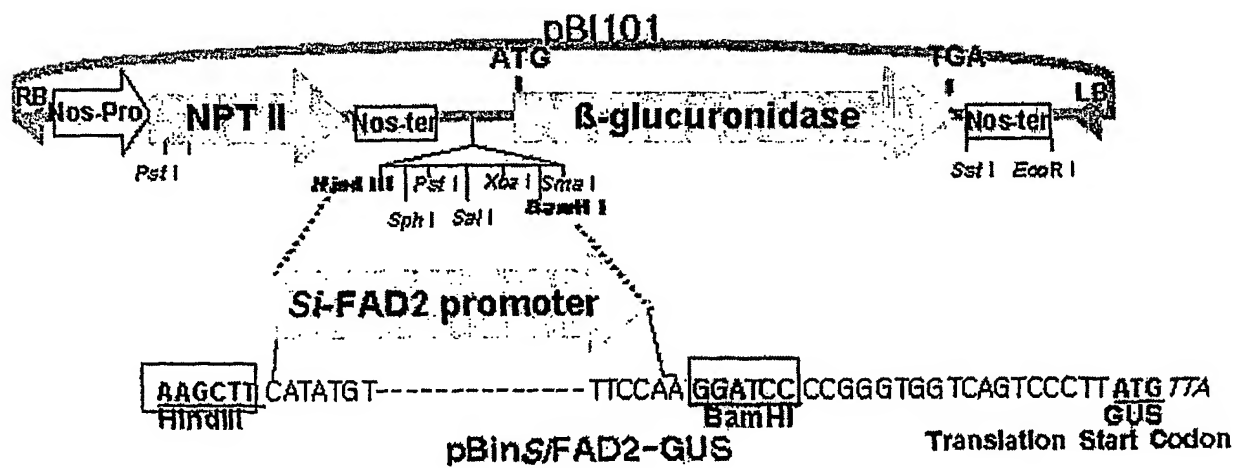


FIG. 4b



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FIG. 4c

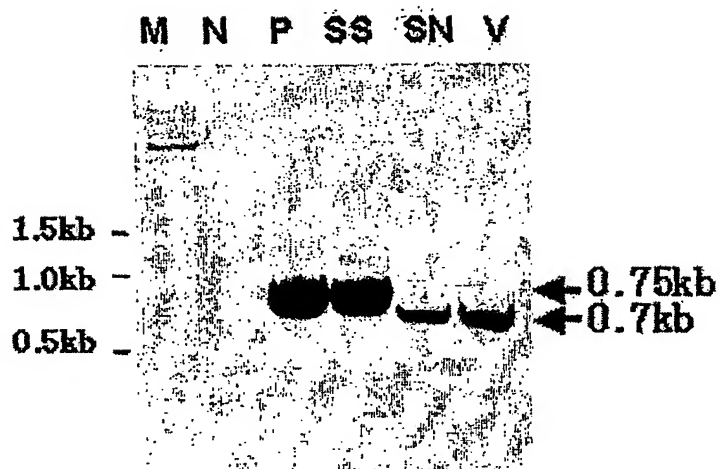


FIG. 5



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FIG. 6

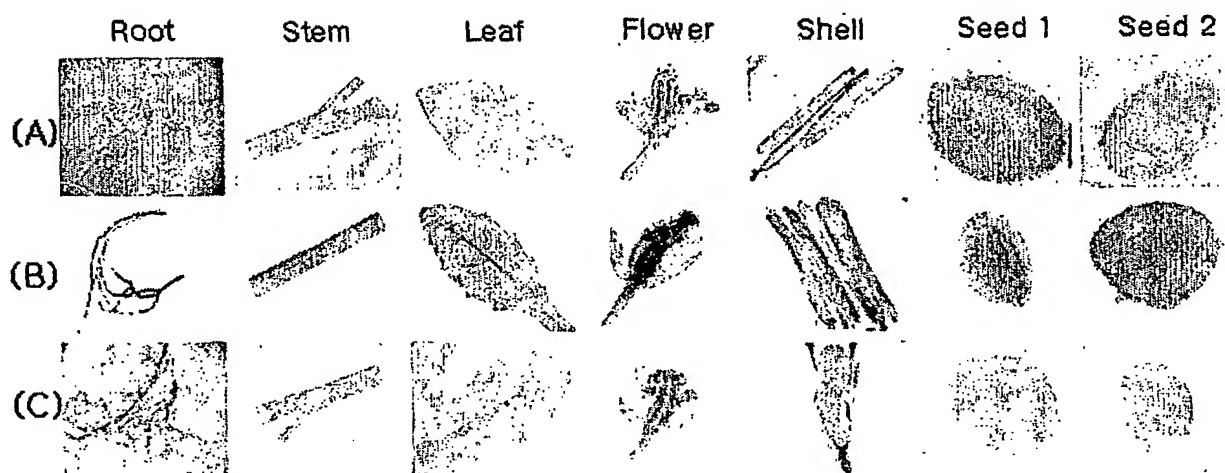
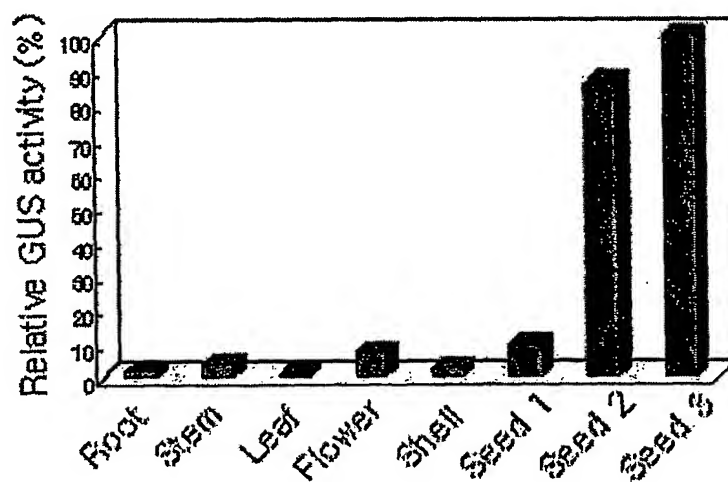


FIG. 7a



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FIG. 7b

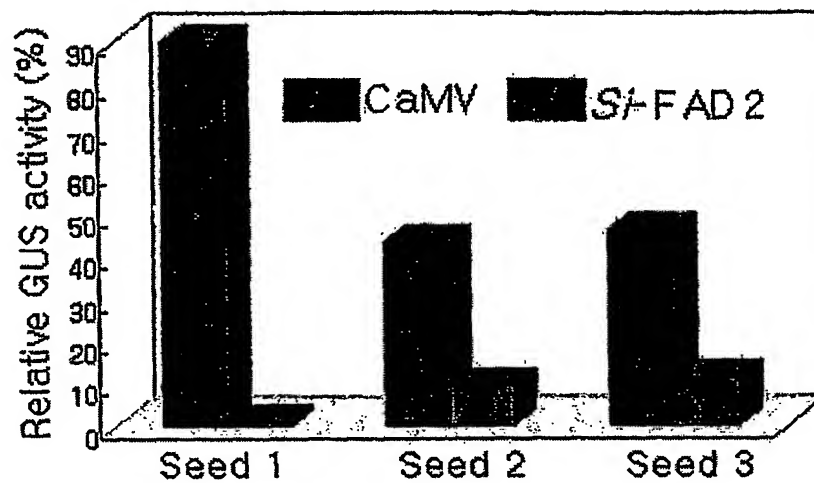
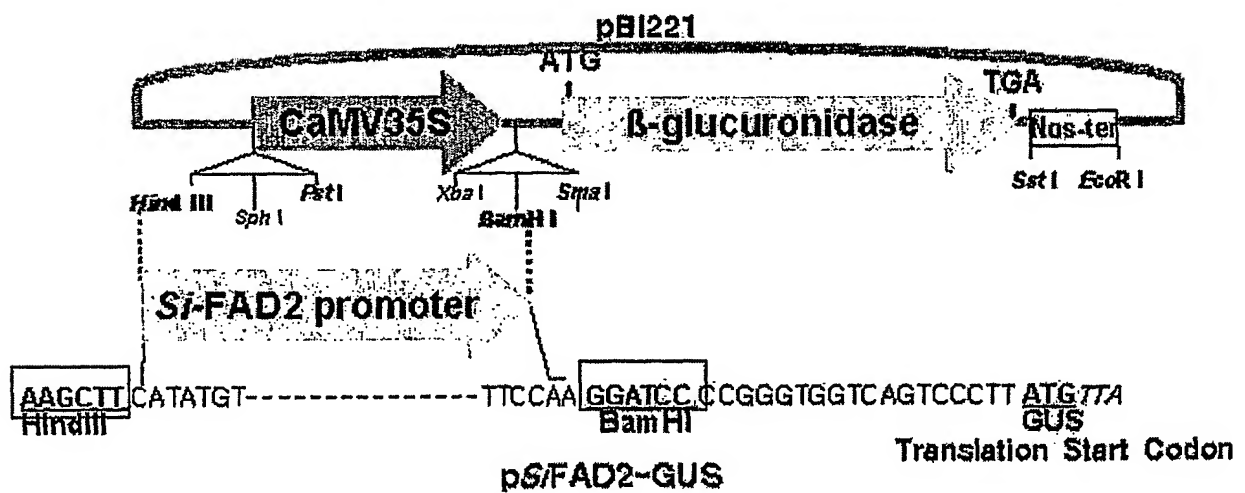


FIG. 8a



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FIG. 8b

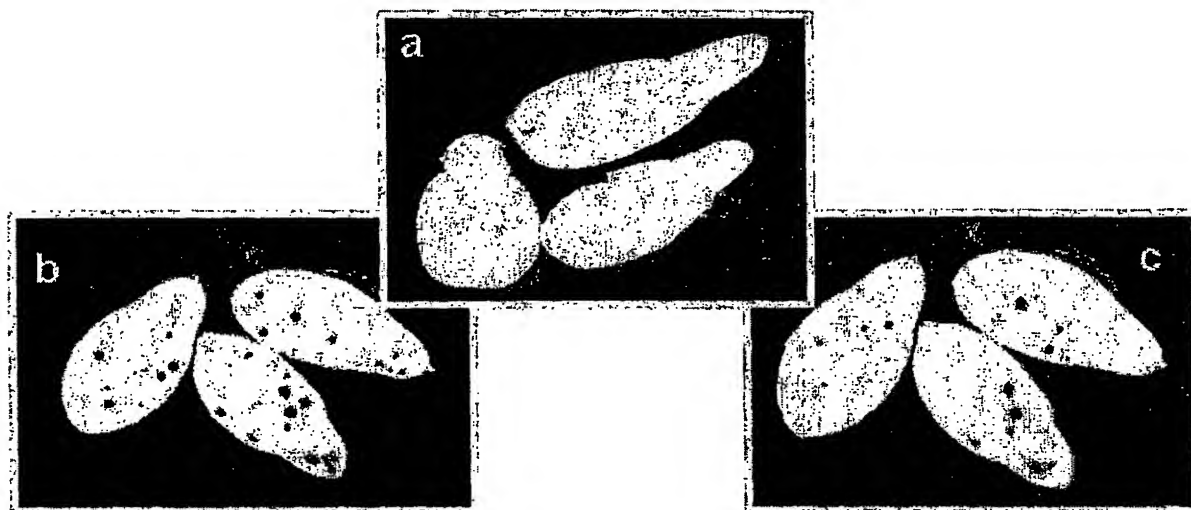
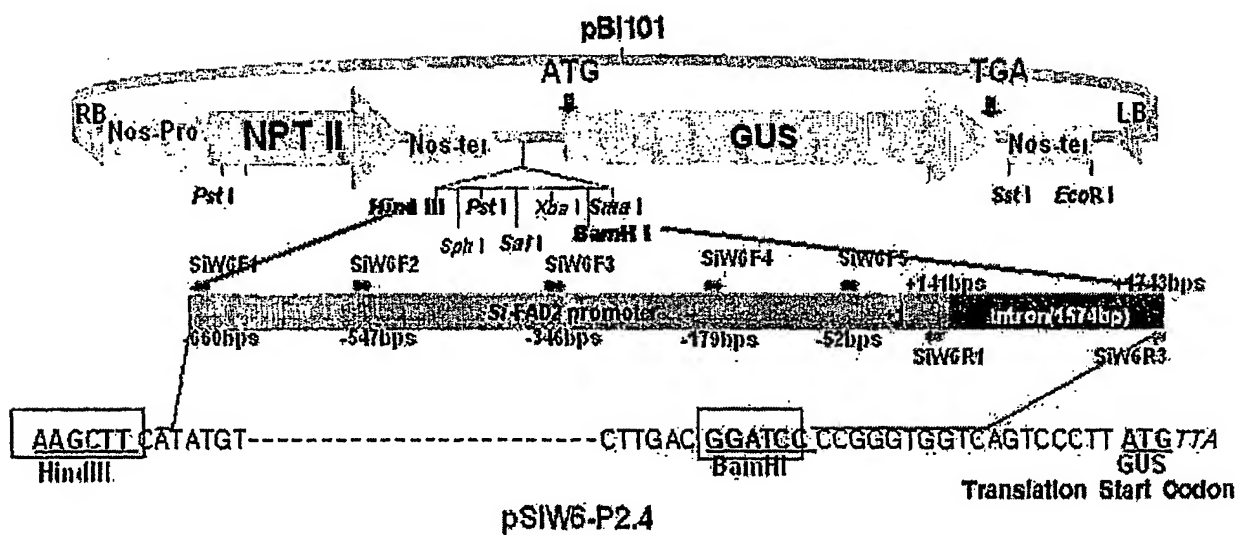


FIG. 9a



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FIG. 9b

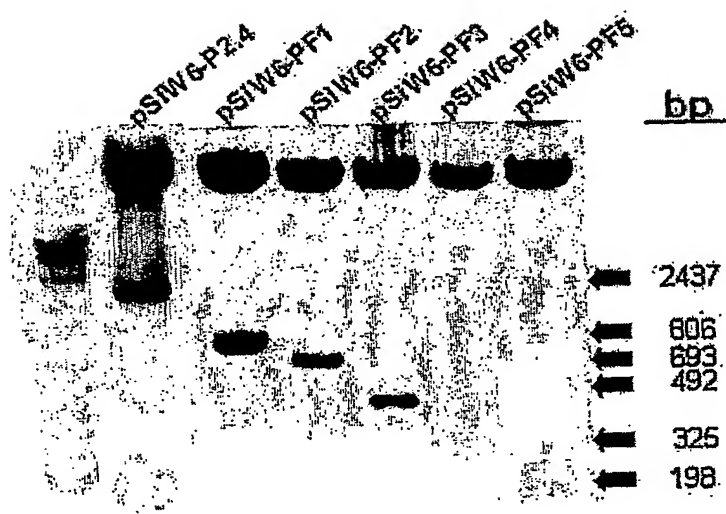


FIG. 10



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FIG. 11

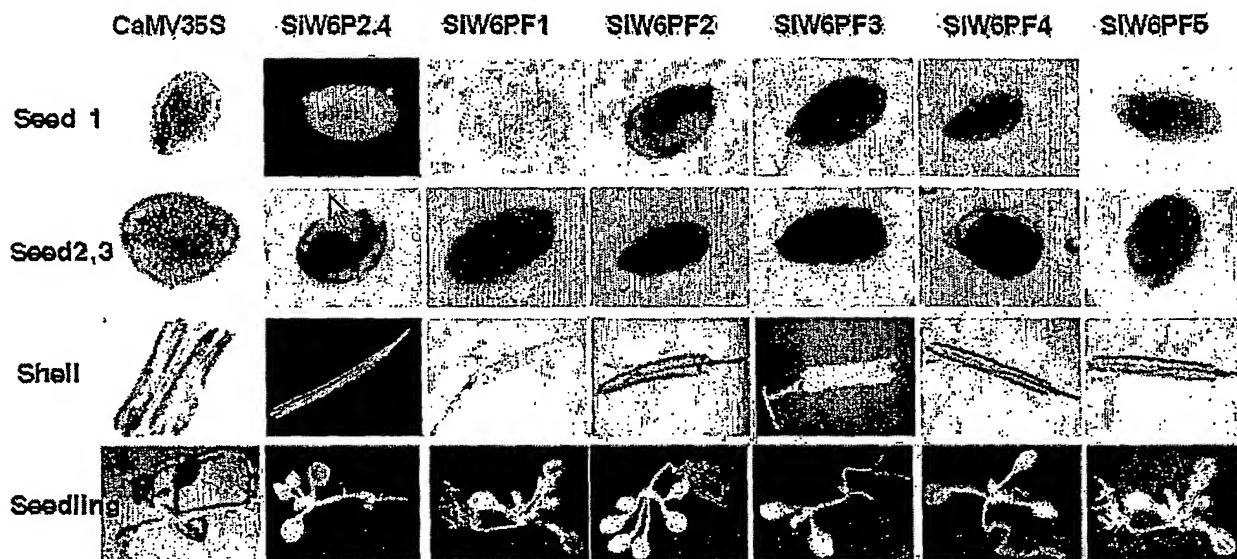
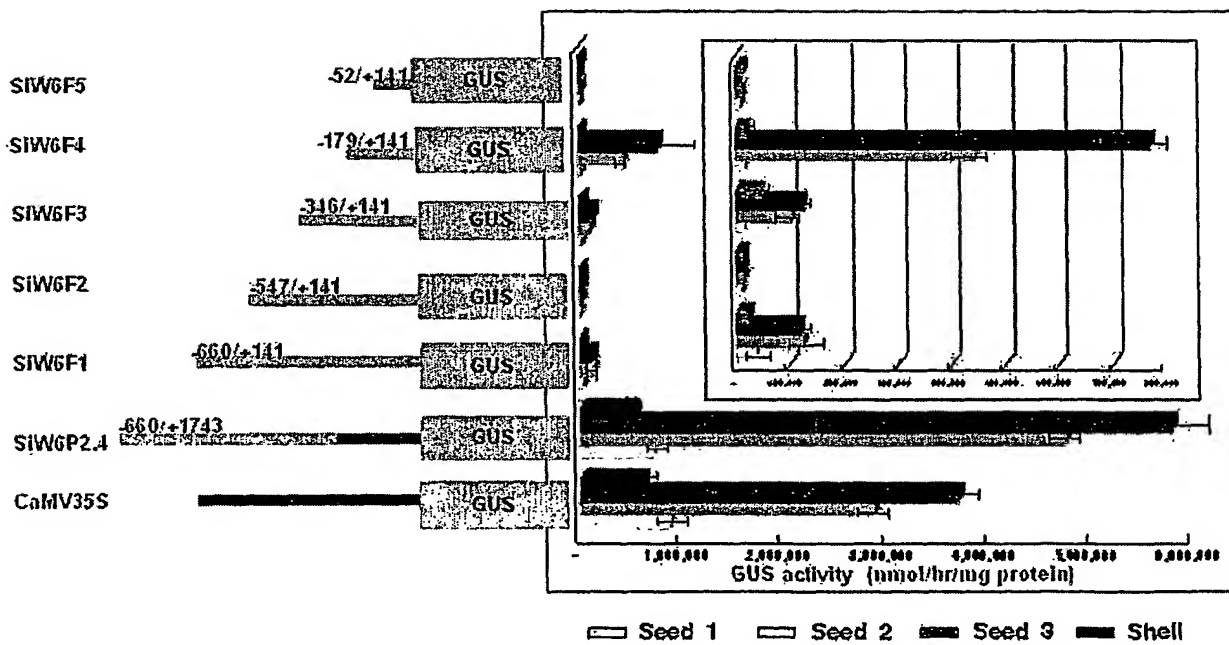


FIG. 12a



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FIG. 12b

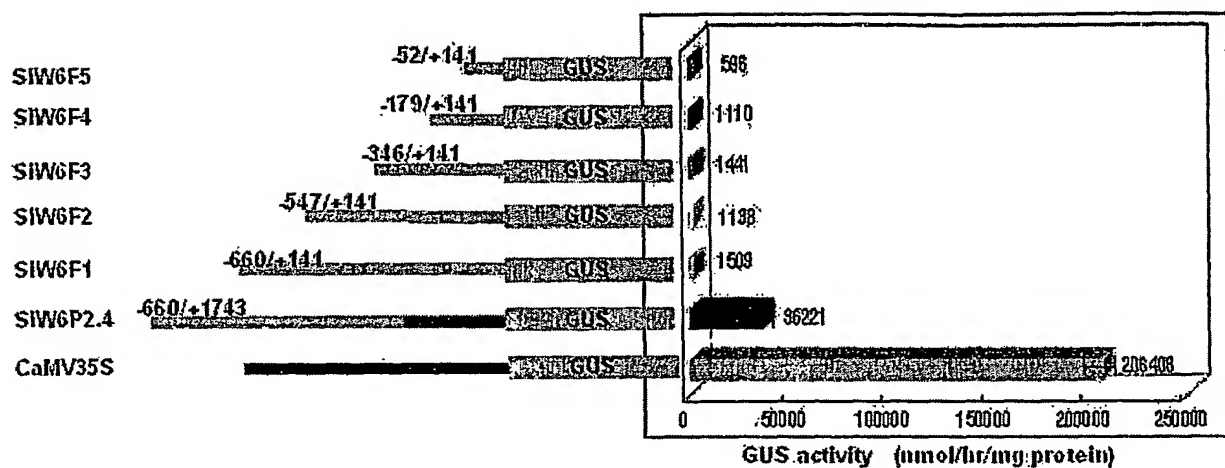


FIG. 13

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-179 GGAATGTGCACACTCCATGTGGGCCAATGAGCGGATGACACGTGGCGGG
CAACTTACCTCGTTACGTTGAGGCATGCATGAAAGGGGGATCTCTTGAGGTGGA
GGGGTGGCGCGGGGGTTGGGGGG -53

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